



MISSOURI DEPARTMENT OF NATURAL RESOURCES

MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

☒ APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☒ FOR AN OIL WELL ☒ OR GAS WELL

NAME OF COMPANY OR OPERATOR

PENSE BROS. DRLG. CO., INC.

ADDRESS

Box 551, 800 NEWBERRY STREET

CITY

FREDERICKTOWN

DATE

SUPPLEMENTAL TO 9/25/95
DEVELOPMENTAL PERMIT APP.

STATE

MO

ZIP CODE

63645

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE

HONSLINGER

WELL NUMBER

#5

ELEVATION (GROUND)

950' (TOPO)

WELL LOCATION

(GIVE FOOTAGE FROM SECTION LINE)

E/2 LOT 1 OF NE/4

2050'

FT. FROM (N) SECTION LINE

235'

FEET FROM (E) SECTION LINE

WELL LOCATION

SECTION

TOWNSHIP

RANGE

COUNTY

E/2 LOT 1 OF NE/4

5

T43N

R33W

CASS

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 235 FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE - FEET

PROPOSED DEPTH

500'

DRILLING CONTRACTOR, NAME AND ADDRESS

PENSE BROS. DRLG. CO., INC.

Box 551, FREDERICKTOWN, MO 63645

ROTARY OR CABLE TOOLS

ROTARY (AIR)

APPROX DATE WORK WILL START

ON PERMIT

NUMBER OF ACRES IN LEASE

192.80

NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR

5

NUMBER OF ABANDONED WELLS ON LEASE

0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?

NAME

ADDRESS

N/A

NO OF WELLS PRODUCING

1

INJECTION

0

INACTIVE

4

ABANDONED

0

STATUS OF BOND

☐ SINGLE WELL

AMOUNT \$

☒ BLANKET BOND

AMOUNT \$ 20,000

☐ ON FILE☐ ATTACHED

REMARKS (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE; USE BACK OF FORM IF NEEDED.)

N/A

OCT 03 1995

Oil & Gas Council

PROPOSED CASING PROGRAM

AMOUNT	SIZE	WT/FT	CEM.
50'	7"	19 LB	TO SURF.
TO TO SURF.	4 1/2"	10.5 LB	TO SURF.

APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST

AMOUNT	SIZE	WT/FT	CEM.
"	"	"	"
"	"	"	"

I, the undersigned, state that I am the ASST. V.P. of the PENSE BROS. DRLG. CO., INC. (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE

By: B.E. BLANCETT

PENSE BROS. DRLG. CO., INC.

DATE

9/30/95

PERMIT NUMBER

20595

APPROVAL DATE

9/26/95

APPROVED BY

Jane Holby Williams☒ DRILLER'S LOG REQUIRED☒ E-LOGS REQUIRED IF RUN☒ CORE ANALYSIS REQUIRED IF RUN☒ DRILL STEM TEST INFO REQUIRED IF RUN☐ SAMPLES REQUIRED☒ SAMPLES NOT REQUIRED☐ WATER SAMPLES REQUIRED AT

NOTE

THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE.

I, _____ of the _____ Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE

DATE



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form OGC-5

RECEIVED

☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ INJECTION ☐ SAME RESERVOIR ☐ DIFFERENT RESERVOIR ☐ DRY

JAN 24 1996

OWNER PENSE BROTHERS DRILLING CO., INC.		ADDRESS BOX 551, FREDERICKTOWN, MO 64525	
LEASE NAME HONSINGER		WELL NUMBER # 5	
LOCATION E/2 LOT 1 OF NE/4		SEC. TWP. AND RANGE OR BLOCK AND SURVEY 5, 43N, 33W	
COUNTY CASS	PERMIT NUMBER (OGC-3 OR OGC-31) 20595		
DATE SPUDDED 10/02/95	DATE TOTAL DEPTH REACHED 10/03/95	DATE COMPLETED READY TO PRODUCE OR INJECT TESTED 10/28/95	ELEVATION (DF, RKR, RT, OR Gr.) FEET 950 Gr
TOTAL DEPTH 485'	PLUG BACK TOTAL DEPTH N/A	ELEVATION OF CASING HD. FLANGE 951'08" FEET	
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION 425' - 444'		ROTARY TOOLS USED (INTERVAL) SURE TO TD	CABLE TOOLS USED (INTERVAL) NIL
WAS THIS WELL DIRECTIONALLY DRILLED? N/A	WAS DIRECTIONAL SURVEY MADE? N/A	WAS COPY OF DIRECTIONAL SURVEY FILED? N/A	DATE FILED N/A
TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) GAMMA-NEUTRON ONLY MECHANICAL LOG			DATE FILED 01/23/96

CASING RECORD

CASING (REPORT ALL STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
SURF. CSG.	9 5/8"	7"	19.5	51'02"	6	NIL
PROD. CSG.	6 1/4"	4 1/2"	10.5		64	NIL

TUBING RECORD

LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
2 3/8" IN.	435 FEET	N/A FEET	N/A INCH	N/A FEET	N/A FEET	N/A	N/A FEET

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FOOT	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
2	3/8" DML-HSC	425' - 444'	300 GAL 15% HCl 7500 LB 12/209 8/12 SAND + 2 1/2 GAL WATER (170 BBLs WATER, 20% GEL)	425' - 444'

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION TESTED ONLY (10/28/95)		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING — IF PUMPING, SHOW SIZE AND TYPE OF PUMP) PUMPING (TEST ONLY 24 HRS)				
DATE OF TEST 10/28/95	HOURS TESTED 24	CHOKE SIZE N/A	OIL PRODUCED DURING TEST 6 bbls.	GAS PRODUCED DURING TEST TSTM-EST. 3 MCF	WATER PRODUCED DURING TEST 50 bbls.	OIL GRAVITY 29.8 API (CORR)
TUBING PRESSURE NIL	CASING PRESSURE TSTM	CALC'D RATE OF PRODUCTION PER 24 HOURS 6 BBLs OIL	OIL 6 bbls.	GAS EST. 3 MCF	WATER 50 bbls.	GAS OIL RATIO 500-1

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)

VENTED (WELL SHUT IN PENDING INSTALLATION OF GATHERING + PROCESSING EQUIP.)

METHOD OF DISPOSAL OF MUD PIT CONTENTS

DRILLED WITH ROTARY AIR RIG - CUTTINGS ONLY IN PIT - OVERFILLED WITH TOPSOIL + RESEED

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE **ASST. V.P.** OF THE **PENSE BROS. DRILG. CO., INC.** COMPANY, AND THAT I AM AUTHORIZED BY SAID COMPANY TO MAKE THIS REPORT, AND THAT THIS REPORT WAS PREPARED UNDER MY SUPERVISION AND DIRECTION AND THAT THE FACTS STATED THEREIN ARE TRUE, CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE 01/23/96	SIGNATURE B. E. BLANCETT BY: B. E. BLANCETT, ASST. V. P.	PENSE BROTHERS DRILLING CO., INC.
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037-20595

EL: 950 GN. (TOP)
SURF. CSG.: 51'02"HONSINGER #5 WELL
PENSE BROS. DRUG CO., INC.10/03/95
BE BSPURRED: 10/02/95
T.O. : 10/03/95

- 150-180 SHALE, NON CALCAREOUS, SILTY TO SANDY, GREY TO BLuish GREY
- 180-190 SHALE, GREY TO DARK GREY, SLIGHTLY CALCAREOUS
- 190-220 SHALE, SILTY TO SANDY, NON CALCAREOUS, GREY TO BLUE-GREY
- 220-225 CONGLOMERATE, SANDSTONE & SILTSTONE, APPROX. 6" COAL SEAM WITH UNDERCLAY @ BASE.
- 225-235 SANDSTONE TO SILTSTONE, SHALY, FEW COAL PARTICLES, SLIGHT GAS EMANATION, CALCITIC.
- 235-245 SHALE, CALCAREOUS, GREY TO BLUE-GREY.
- 245-255 SHALE, CALCAREOUS, GREY TO DARK GREY
- 255-295 AS ABOVE WITH SLIGHT LIMESTONE STREAK @ 273' TO 276'.
- 295-305 LIMESTONE, SOME FLUORESCENCE, SLIGHT GAS EMANATION, TAN TO BUFF.
- 305-325 SHALE, BLOCKY, SLIGHTLY CALCITIC, DARK GREY
- 325-335 SILTSTONE TO SANDSTONE, SHALY, SLIGHT GAS SHOW, ^{SANDSTONE} BASE 2 FEET.
- 335-345 LIMESTONE (SLIGHT SANDSTONE AT TOP), FLUORESCENCE, GAS EMANATION, LIGHT BROWN TO BUFF.
- 345-355 LIMESTONE, SLIGHTLY CRYSTALLINE, NEGLIGIBLE GAS SHOW, WHITE TO BUFF.
- 355-395 SHALE, CALCAREOUS, GREY TO DARK GREY.
- 395-405 SHALE, SILTSTONE STRIATIONS NEAR BASE, NON-CALCAREOUS, GREY TO LIGHT GREY.
- 405-415 SANDSTONE TO SILTSTONE, SLIGHTLY SHALY, SLIGHT FLUORESCENCE AND GAS EMANATION, GREY TO LIGHT GREY.
- 415-425 SANDSTONE, FLUORESCENCE, FAIR OIL CUT, GAS EMANATION.
- 425-435 SANDSTONE, FLUORESCENCE, GOOD OIL CUT, SOME GAS EMANATION.
- 435-445 SANDSTONE, FLUORESCENCE, OIL LADEN - GOOD CUT, SLIGHT GAS.
- 445-455 SANDSTONE, SHALY, DENSE, FAIR OIL CUT.
- 455-475 LIMESTONE, BUFF TO CREAM, CLAY & COAL SEAM NEAR BASE.
- 475-485 SHALE WITH COAL PARTICLES & UNDERCLAY, GREY TO BLUE-GREY.
- 485 - T.D.

RECEIVED

JAN 24 1996

MO Oil & Gas Council

W. C. LETHCHO
COUNTY ENGINEER & SURVEYOR
Bates County Court House
BUTLER, MO. 64730
Phone 679-4031

WELL
#4

N 53° W
578.4'

HUNSINGER

WELL #5

N 17.7° E 641.5'

N 81.2° E
214.3'

SPK IN
SGP

S 36.5° E
369.9'

SPK
IN
FP

PUBLIC
ROAD

S 32° W 1094.9'

WELL #3

SPK IN CP



1" = 200'
Sheet 1 of 2

MAG BRG
8° E DECL

RECEIVED

OCT 03 1995

Oil & Gas Council

WELL REFERENCE TIES IN THE EAST HALF
OF LOT 1 OF THE NORTHEAST QUARTER OF
SECTION 5, TOWNSHIP 43 NORTH, RANGE
33 WEST OF THE 5TH PRINCIPAL MERIDIAN
IN CASS COUNTY, MISSOURI.

9-30-95

FOR: PENSE BROTHERS DRILLING CO. INC.
ADRIAN, MO 64720

816-297-4433

THESE TIES ARE IN ACCORDANCE WITH
CURRENT MINIMUM SURVEY STANDARDS.

WILLIAM C. LETHCHO LS-1539

R-1

CO ROAD

32 33

PAGE 2 of 2



1" = 400'

T4AN

R-4

5

4

T43N R33W

HONSINGER

192.22 AC

GORMAN

2050'

61.2

RECEIVED

OCT 03 1995

#5

235'

Oil & Gas Council

CO ROAD

40'

WELL LOCATION MAP - CASS
COUNTY TAX MAP 16-03

WILLIAM C. LETHCO

LS-1539

40.00 AC

McMAHAN